## WASHINGTON STATE BUILDING CODE COUNCIL APPLICATION FOR REVIEW OF A PROPOSED STATEWIDE AMENDMENT TO THE WASHINGTON STATE BUILDING CODE

2012 Code Adoption Cycle

Log #	
<u> </u>	(office use only)

## PLEASE FOLLOW INSTRUCTIONS ON PAGE FIVE

1. State Building Code to be Amended:		
[X] International Building Code	[ ] State Energy Code	
[ ] International Existing Building Code	[ ] International Mecha	nical Code
[ ] ICC ANSI A117.1 Accessibility Code	[ ] International Fuel G	as Code
[X] International Residential Code	[ ] NFPA 54 National I	Fuel Gas Code
[ ] International Fire Code	[ ] NFPA 58 Liquefied	Petroleum Gas Code
[ ] Uniform Plumbing Code		
Section IBC Tables 503, 602 & 705.8, IRC 2.  2. Applicant Name (Specific local government, organization process)  Duane Jonlin, City of Seattle	anization or individual):	
3. Signed:		
		March 1, 2012
Proponent	Title	Date
4. Designated Contact Person:		
_Duane Jonlin Energy Coo Name	de Advisor, Department of Plan <b>Title</b>	nning & Development
Address: PO Box 34019		
Seattle, WA 98124-4019		
Office <b>Phone:</b> (206)223-2181 <b>C</b>	ell:()	
E-Mail address: duane.ionlin@seattle.gov		

through all deleted language. Insection order to continue the established in for amendment or more than one padditional pages may be attached.	ert any sep numbering page is nee	arate new sections in the system of the code. If n eded for reproducing the	e appropriate place in the code in nore than one section is proposed affected section of the code,
Code IBCPage	Section	_IBC Tables 503, 602 ar	nd 705.8, IRC Table R302.1
Amend section to read as follows:			
Add footnote e to Table 503:  A maximum of 8 inches may be added to adding insulation to the building exterior, and a maximum of 12 inches of insulation height contributing to the building height.	, without si n may be a	uch additional area contr	ributing to the building floor area,
Add footnote g to Table 602: For existing buildings, the required fire set for the purpose of adding insulation to the			by a maximum of 8 inches, solely
Add footnote j to Table 705.8:  For existing buildings, the required fire set for the purpose of adding insulation to the	-	<u> </u>	by a maximum of 8 inches, solely
Add footnote to Table R302.1  For existing buildings, the required fire set for the purpose of adding insulation to the	_		by a maximum of 8 inches, solely
Are additional pages attached?	Yes	<u>N</u>	<u>No</u>
Please note number of additional pages:			

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**Supporting Data for Statewide Amendment Proposals** This information is required for all statewide amendment proposals. **Attach supporting documentation, as necessary; incomplete proposals will not be accepted.** 

The SBCC requires supporting data on any amendment proposal to show:

- a. That it meets basic criteria See Part I to specify how this proposal meets the criteria for code amendment.
- b. The intended effect—See Part II to describe the purpose of the proposed amendment, including the benefits and the problems addressed.
- c. The potential impacts or benefits on business—See Part III/Types of Construction, to explain how methods in construction businesses, industries and services would be affected.
- d. The potential impact on enforcement procedures, See Part III/Types of Services Required, to provide some analysis of the impacts on code enforcement in local jurisdictions.
- e. Economic costs and benefits Use the Table in Part IV of this form to estimate the costs and benefits of the proposal on the construction industry, the user and/or public, the enforcement community, and operation and maintenance.

Part I	*	Rackground	information	on amendment.

Code References: IBC Tables 503 and 705.8 Title: Allowable heights & areas, Fire resistance ratings for exterior walls
Related codes:None (Does this amendment change other related codes?)
Proponent: Duane Jonlin, Seattle DPDPhone: 206-233-2781Date: March 1, 2012
NOTE: State-wide and emergency state-wide amendments to the state building code must be based on one of the following criteria please indicate the pertinent rationale for the proposed amendment by selecting from the list below:  (1) The amendment is needed to address a critical life/safety need.  (2) The amendment is needed to address a specific state policy or statute.  (3) The amendment is needed for consistency with state or federal regulations.  (4) The amendment is needed to address a unique character of the state.  (5) The amendment corrects errors and omissions.
Part II ❖ Amendment Benefit:
PROBLEM(S) ADDRESSED (Describe the intended effect of the proposed code amendment):
to the roof and walls.
PRIMARY REASON FOR AMENDMENT: (Describe how the amendment meets one of the criteria listed above)
This amendment meets criteria #2, that the state intends to reduce the energy used by existing buildings, per the 2012
Washington State Energy Strategy.

TYPE OF BENEFITS PROJECTED: This will allow	w building owners to increase the energy efficiency of existing buildings in the
most economical and constructible manner.	
Part III ❖ Amendment Impacts or Benefits:  TYPES OF CONSTRUCTION: ☐ New Constructio ☐ Residential-Single Family x Residential-Multi  List businesses/industries affected by amend  Fire Protection Industry:	i Family x□ Commercial x Industrial  dment
Specific Construction Contractors & Trades: Construction Supply Industry:	_Opportunities for insulating, roofing and cladding contractors
Specialty Trades: Types of Buildings: Manufacturers:	_all buildings
Types of Services Required: List any reporting, record keeping or other requirement available from multiple sources. None	ents. Indicate if equipment, material or services required by this proposal are

## **Part IV ❖ Amendment Costs and Benefits**

	Construction <sup>1</sup>			Enforcement <sup>2</sup>			Operations & Maintenance <sup>3</sup>		
Building Type	Costs	% impact <sup>4</sup>	Benefits <sup>5</sup>	Costs	% impact <sup>4</sup>	Benefits <sup>5</sup>	Costs	% impact <sup>4</sup>	Benefits <sup>5</sup>
Residential									
Single family									
Multi-family	None			None			None		
Commercial/Retail	None			None			None		
Industrial	None			None			None		
Institutional	None			None			None		

<sup>&</sup>lt;sup>1</sup> \$ / square foot of floor area or other cost. Attach data. **Construction** costs are costs prior to occupancy, and include both design and direct construction costs that impact the total cost of the construction to theowner/consumer.

<sup>&</sup>lt;sup>2</sup> Cost per project plan. Attach data. **Enforcement** costs include governmental review of plans, field inspection, and other action required for enforcement.

<sup>&</sup>lt;sup>3</sup> Cost/benefits to building owner/tenants over the life of the project.

<sup>&</sup>lt;sup>4</sup> Cost differential over a specific size project or range of projects as determined by the proponent. Provide sufficient cost and benefit detail to clarify the impact to the Council. All data should be created and referenced to third party reputable sources for verification.

<sup>&</sup>lt;sup>5</sup> Include measurable benefit to the user and/or public from Part II.